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(54) LIQUID CRYSTAL DISPLAY PANEL AND ITS PRODUCTION

(57) Abstract:

PROBLEM TO BE SOLVED: To make uniformly and efficiently hardenable a main seal with UV rays by transmitting UV rays near the main seal pattern of a substrate on the incident side for the UV ray light source and forming a reflection layer on the opposite substrate to the substrate on the incident side for the UV ray light source so as to cover the main seal pattern.

SOLUTION: The substrate on the incident side for a UV ray light source 10 transmits UV rays in the UV irradiation region 11 near the main seal pattern, while a reflection layer 4 is formed to cover the main seal pattern on a TFT substrate 2a on the opposite side to the incident side for the UV ray light source 10. In the

process of laminating the counter substrate 2b and the TFT substrate 2a, UV rays pass through the counter substrate 2b and enter the seal pattern to contribute to hardening of the UV-curing sealing material 3. Moreover, the UV rays reaching the TFT substrate 2a are reflected by the reflection layer 4 to contribute to hardening of seal pattern. Therefore, the process of main sealing can be efficiently performed.

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